

California OES Weather Threat Briefing

Wednesday, January 27, 2021
9:00 AM PST

Day 1 (Wednesday): Heavy rain, very heavy mountain snow, and strong winds will continue today across central and northern California, with Blizzard conditions over the Sierras. Flash Flooding and debris flow are possible near recent burn scars, especially in central California.

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

01/27/21 - 02/02/21

Wednesday-Tuesday

- A significant storm system will continue to impact much of central and northern California today through Friday, with precipitation gradually working south into southern California Thursday evening and Friday
 - The heaviest rainfall will occur across the Coastal Ranges near and south of the Bay Area, including the Santa Cruz Mountains and Diablo and Santa Lucia Ranges, where very heavy rainfall rates will likely produce some flash flooding as well as rock and mudslides near recent burn scars
 - Precipitation will shift south Thursday and Friday, with additional flood and debris flow impacts possible.
 - Burn scars of most concern are:
 - Meyers
 - Walbridge
 - Glass
 - Hennessey
 - Woodward
 - CZU
 - Carmel/River
 - Dolan
 - LNU
 - SCU
 - Creek
 - Apple
 - El Dorado
 - Avila
 - Very heavy snow will continue across the higher elevations of northern and central California, including the Mt. Shasta area and the entire Sierra.
 - Snow levels will start low across the northern valleys today but rise to 3,500 to 4,500 feet through this evening
 - Snowfall rates of 2-4 inches per hour will continue at times over the Sierra, with whiteout and blizzard conditions through today due to very strong winds. Total snowfall of 1-3 feet is expected in many higher elevations, with locally 5-7 feet or more over parts of the Sierra by Friday.
 - Strong winds of 40-60+ mph across the Sacramento Valley and Bay Area this morning will gradually subside today, but still remain quite gusty for the Sierra, southern Diablo Range, and Transverse Ranges through Thursday
- Additional precipitation could return to northern California for the weekend and into early next week, though at this time, amounts look much lighter than what is expected the next few days.



CALIFORNIA WEATHER IMPACTS

01/27/21 - 02/02/21

<u>Hazards / Day</u>	WED	THU	FRI	SAT	SUN	MON	TUE
Non-Thunderstorm Damaging Winds	All Regions	All Regions					
Snow	Coastal/ Inland	Inland/ Southern	Inland/ Southern	All Regions	Inland	Inland	Inland
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)							
Heat Risk							
Heavy Rain/Flash Flooding/ Debris Flow	All Regions	All Regions	All Regions	All Regions	Southern	Southern	Southern
Cold							



No Impacts



Minimal Impacts



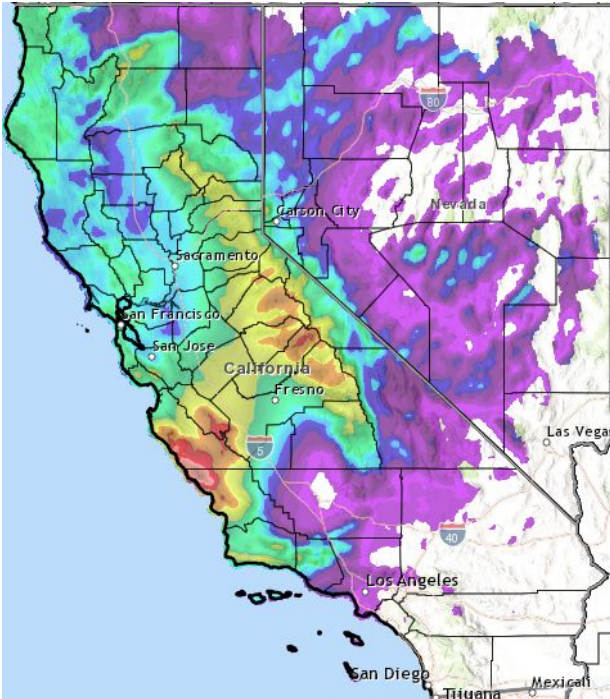
Moderate Impacts



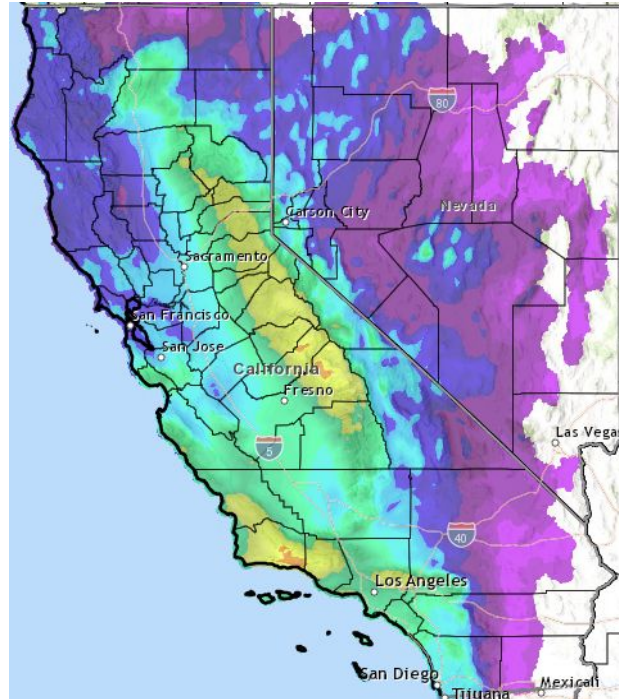
Severe Impacts

PRECIPITATION FORECAST

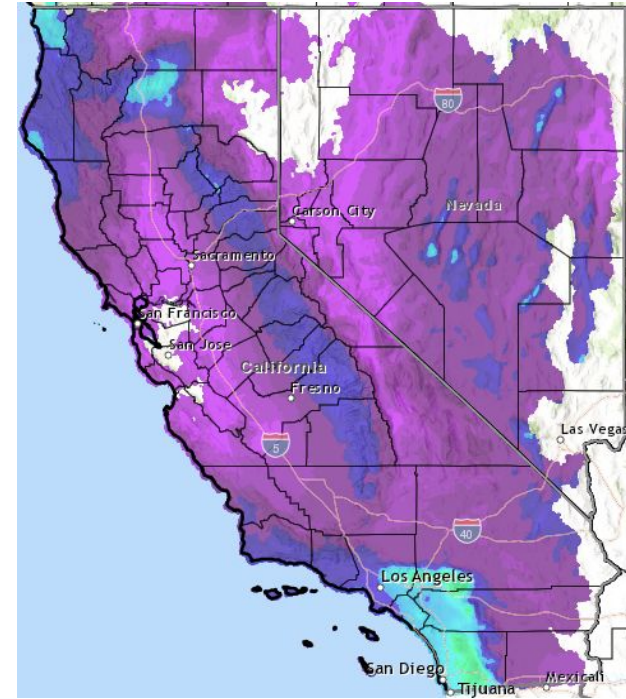
01/27/21 - 01/29/21



Wednesday



Thursday



Friday

Precipitation (inches)



PRECIPITATION FORECAST through Friday Night – CENTRAL CA BURN SCARS

LNU, Glass &
Woodward:
1-2"

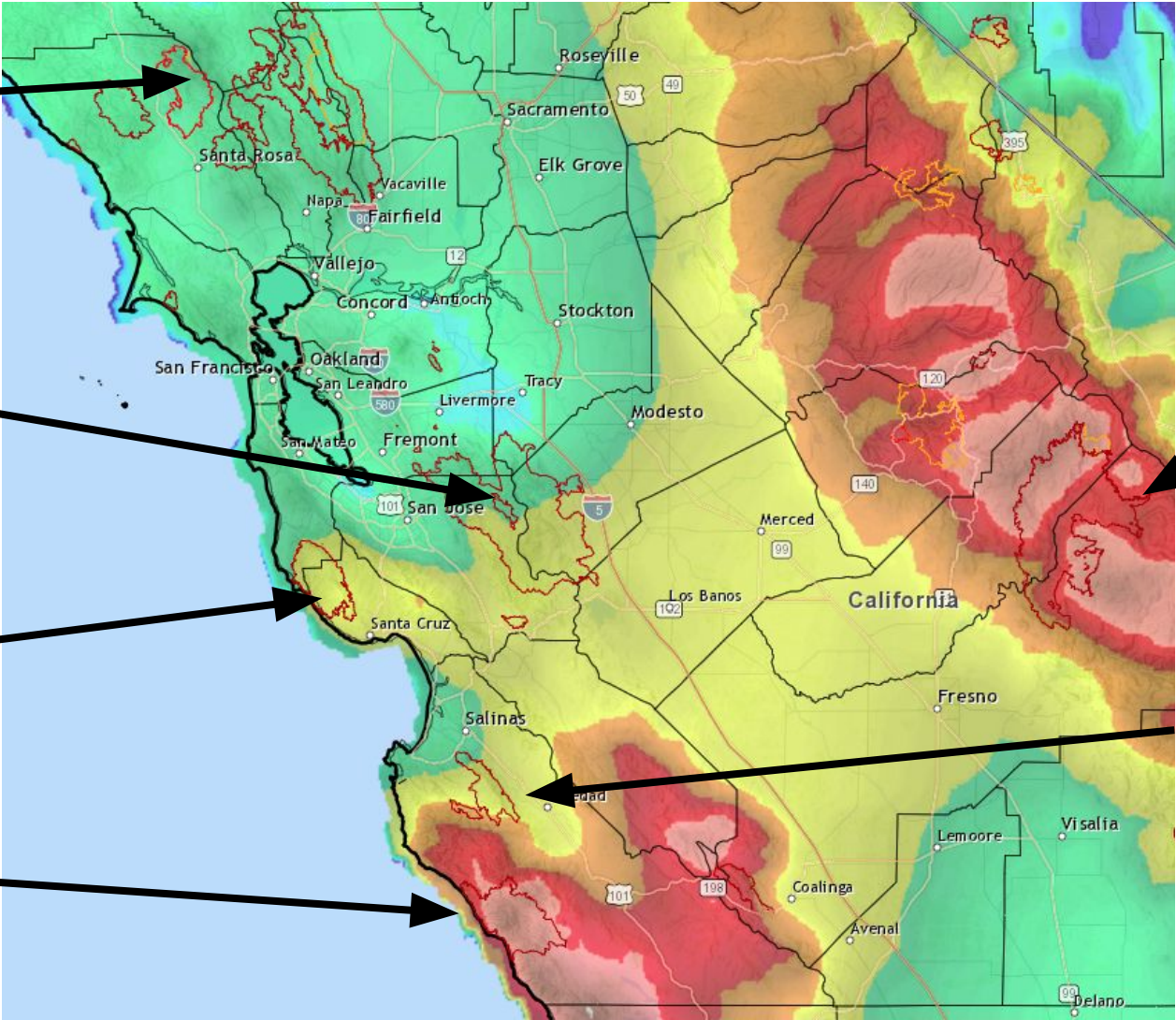
SCU: 1-2.5"

CZU: 2.5-4"

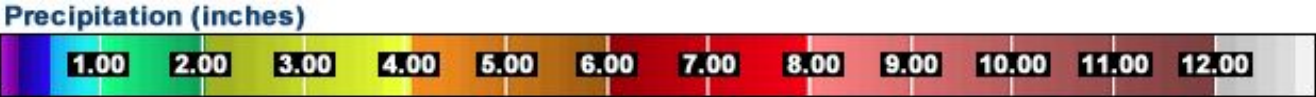
Dolan: 7-9.5"

Creek: 5-9.5"

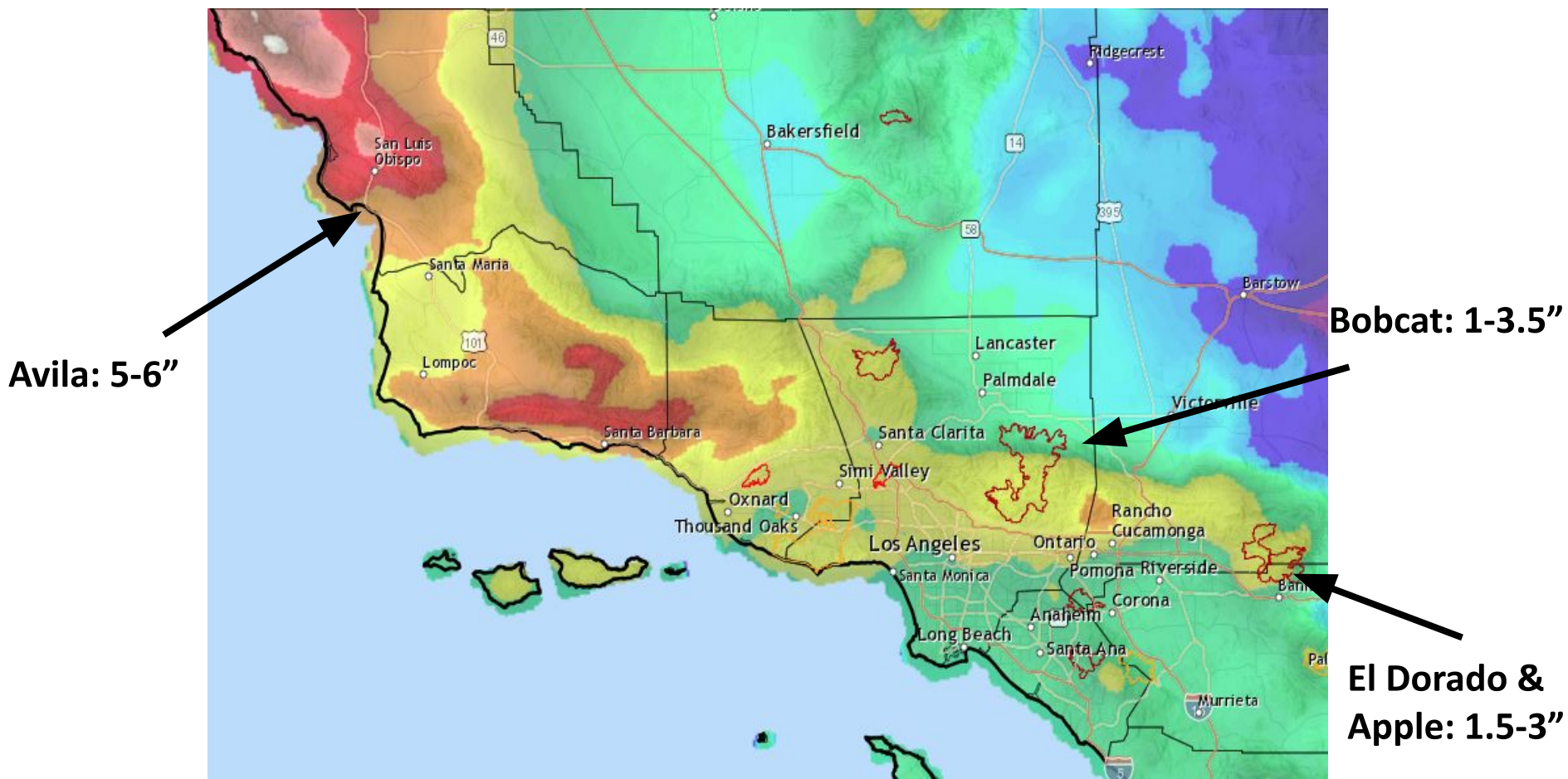
Carmel /
River: 2-4.5"



Debris flow concerns on recent burn areas through Thursday



PRECIPITATION FORECAST through Friday Night – SOUTHERN CA BURN SCARS



Debris flow concerns on recent burn areas through Friday Night. Precipitation will shift south through Thursday, and continue into the weekend. More information will be provided as confidence increases.



WEATHER OUTLOOK

02/01/21 - 02/09/21

6-10 Day Outlook (February 1 – February 5)

Temperatures

- Below normal temperatures are strongly favored statewide

Precipitation

- Above normal precipitation is favored statewide

8-14 Day Outlook (February 3 – February 9)

Temperatures

- Below normal temperatures are strongly favored statewide

Precipitation

- Below normal precipitation is favored statewide



Information provided by:

**National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT**

Phone: (801) 524-7907

E-mail: wr.roc@noaa.gov

Web: <http://www.wrh.noaa.gov>

